

Amendment to the Claims:

1. (Cancelled)

2. (Previously Presented) The method as claimed in claim 22, wherein the objects are arranged within a fixed hierarchy in order to enable substituting objects, starting with a highest hierarchical level.

3. (Previously Presented) A method of optimizing the presentation on a display screen of objects of a user interface which can be freely positioned and scaled by means of control elements by means of a predetermined calculation rule in such a manner that the objects can be automatically changed, in dependence on object contents, selected preferred settings and available display resource on the display screen, between a minimum readable size and a selected maximum size in such a manner that optimum filling of the available display screen surface is achieved, while suppressing less important details of the object contents and while changing the mode of display of the object contents and/or the object as well as while avoiding mutual overlapping of the objects, wherein the objects are ordered in a hierarchy, an ordering of the hierarchy of combined objects can be changed.

4. (Previously Presented) A method of optimizing the presentation on a display screen of objects of a user interface, the method comprising:
placing patient monitors on at least a first patient and a second patient;
generating a plurality of objects, each object containing patient
monitoring information from a corresponding patient monitor;
positioning and scaling the control elements with a predetermined calculation rule to form at least a first group of objects corresponding to the first patient and a second group of objects corresponding to the second patient in such a manner that the objects can be automatically changed, in dependence on object contents, selected preferred settings and available display resource on the display screen, between a minimum readable size and a selected maximum size in such a manner that optimum filling of the available display screen surface is achieved, while avoiding mutual overlapping of the objects;

displaying the first and second groups of objects on a display device.

5. (Cancelled)

6. (Currently Amended) The method as claimed in claim [[5]]4, ~~wherein objects can be further including:~~
automatically ~~substituted~~ substituting the objects among themselves.

7. (Previously Presented) A method of optimizing the presentation on a display screen of objects of a user interface which can be freely positioned and scaled by control elements by a predetermined calculation rule in such a manner that the objects can be automatically changed, in dependence on object
5 contents, selected preferred settings, and available display resources on the display screen, between a minimum readable size and a selected maximum size in such a manner that optimum filling of an available display screen surface is achieved, while suppressing less important details of the object contents and while changing the mode
10 of display of the object contents and/or the object as well as while avoiding mutual overlapping of the objects, wherein the contents of an object contain static information as well as dynamically variable information and/or commands and various options for processing/manipulation, wherein the objects can temporarily be displayed in enlarged form in dependence on a given trigger signal which is produced by a control element which is defined by object selection/object marking.

8. (Cancelled)

9. (Currently Amended) The method as claimed in
5 claim [[8]]7, wherein respective rectangular surfaces are provided for the display of the objects on the display screen.

10-15. (Cancelled)

16. (Previously Presented) The method as claimed in claim 4, further including:

generating a cursor on the display screen;
with the cursor, designating one of the objects; and,
temporarily enlarging the designated object.

17. (Previously Presented) The method as claimed in claim 4,
further including:

in response to one of the objects ceasing to contain relevant patient
monitoring information, automatically, without user intervention, substituting another
5 object for the one object.

18. (Previously Presented) The method as claimed in claim 17,
further including:

when another object is substituted, automatically repositioning and
rescaling the objects using the calculation rule.

19. (Previously Presented) The method as claimed in claim 7,
wherein the trigger signal is produced by a cursor touching one of the objects, such
that one of the objects is temporarily enlarged when it is being touched by the cursor
and returns to its original size when the cursor no longer touches the one of the
5 objects.

20. (Currently Amended) ~~The device as claimed in claim 12;~~
for the simultaneous compressed optical display of object data on a graphical user
interface, which device includes:

an arithmetic unit provided with a calculation program which
5 optimizes the display of object data in conformity with given criteria in such a manner
that optimum filling of the available display screen is achieved, while suppressing less
important details of the object contents and while changing the display mode of the
object contents and/or the object as well as while avoiding mutual overlapping of the
objects;

10 an input means which co-operates with medical measuring devices
which form statistic and dynamic information of the objects; and

a control element by which a trigger signal is generated for the brief enlargement of a selected/marked object.

15 wherein the trigger signal is generated by touching the selected object with a cursor.

21. (Previously Presented) The device as claimed in claim 20, wherein the briefly enlarged object contains patient monitoring information.

22. (Previously Presented) A method of optimizing a presentation of static and dynamic objects containing patient monitoring information, the method comprising:

- 5 inputting data from a plurality of patient monitoring devices;
- converting the input data from each of the monitoring devices into the patient monitoring information;
- generating a plurality of objects, each object containing the patient monitoring information converted from the input data from one of the monitoring devices;
- 10 positioning and scaling the objects in a group using a calculation rule in such a manner that the objects are automatically changeable in dependence on object contents, selected settings and available display resources on a display screen while avoiding overlapping objects;
- in response to one of the objects ceasing to contain relevant patient
- 15 monitoring information, automatically, without user intervention, substituting another object and repositioning and rescaling the displayed objects using the calculation rule.

23. (Previously Presented) The method as claimed in claim 22, further including:

- generating a cursor on the display screen;
- moving the cursor on the display screen using a user input device;
- 5 in response to touching an object with the cursor, temporarily enlarging the touched object.